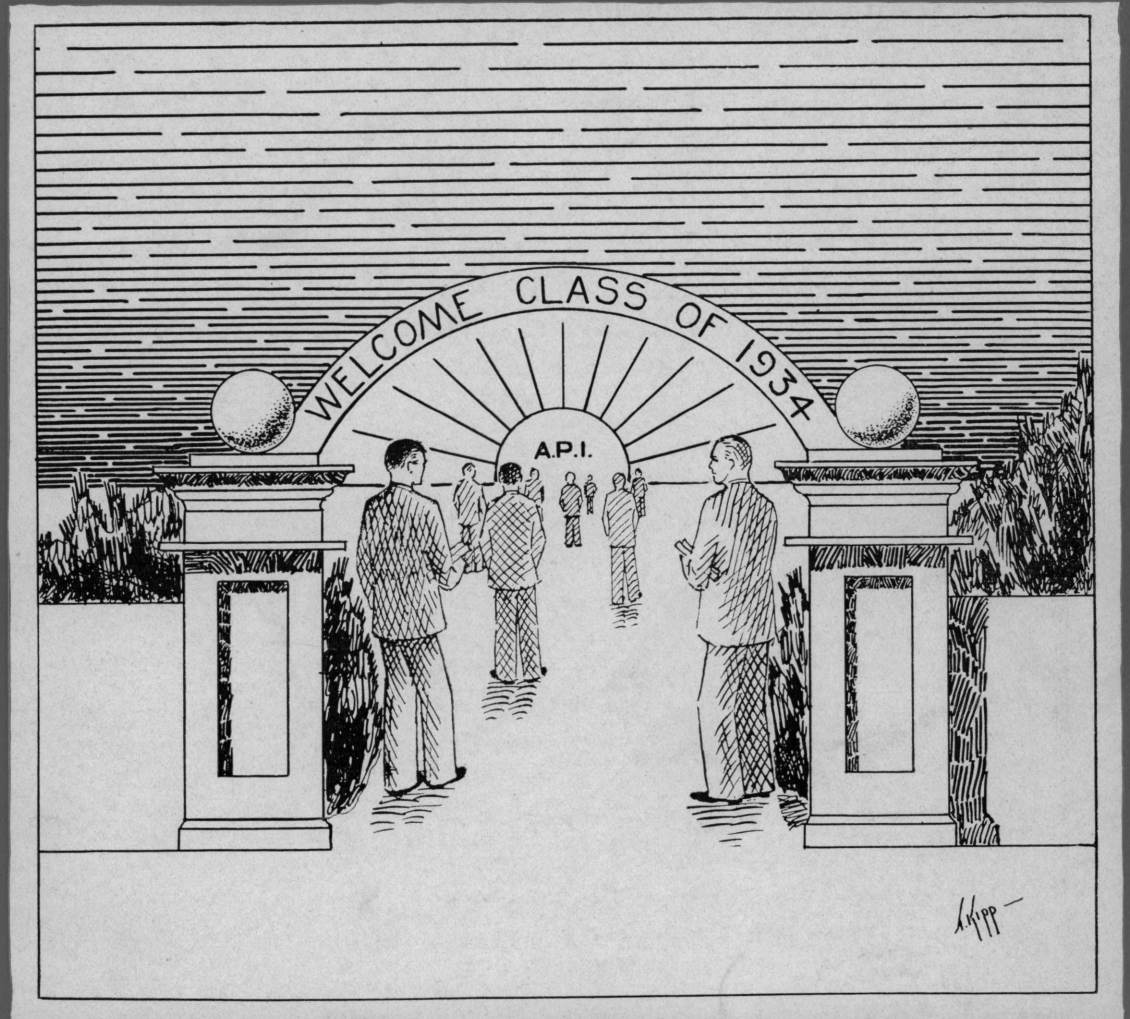


THE AUBURN ALUMNUS

OCTOBER, 1930



PUBLISHED NINE TIMES A YEAR
BY THE ALUMNI ASSOCIATION
ALABAMA POLYTECHNIC INSTITUTE
AT AUBURN, ALABAMA.....

VOLUME XII

NUMBER 1

Auburn Alumni Clubs

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PUBLISHED NINE TIMES A YEAR BY THE
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October, 1930

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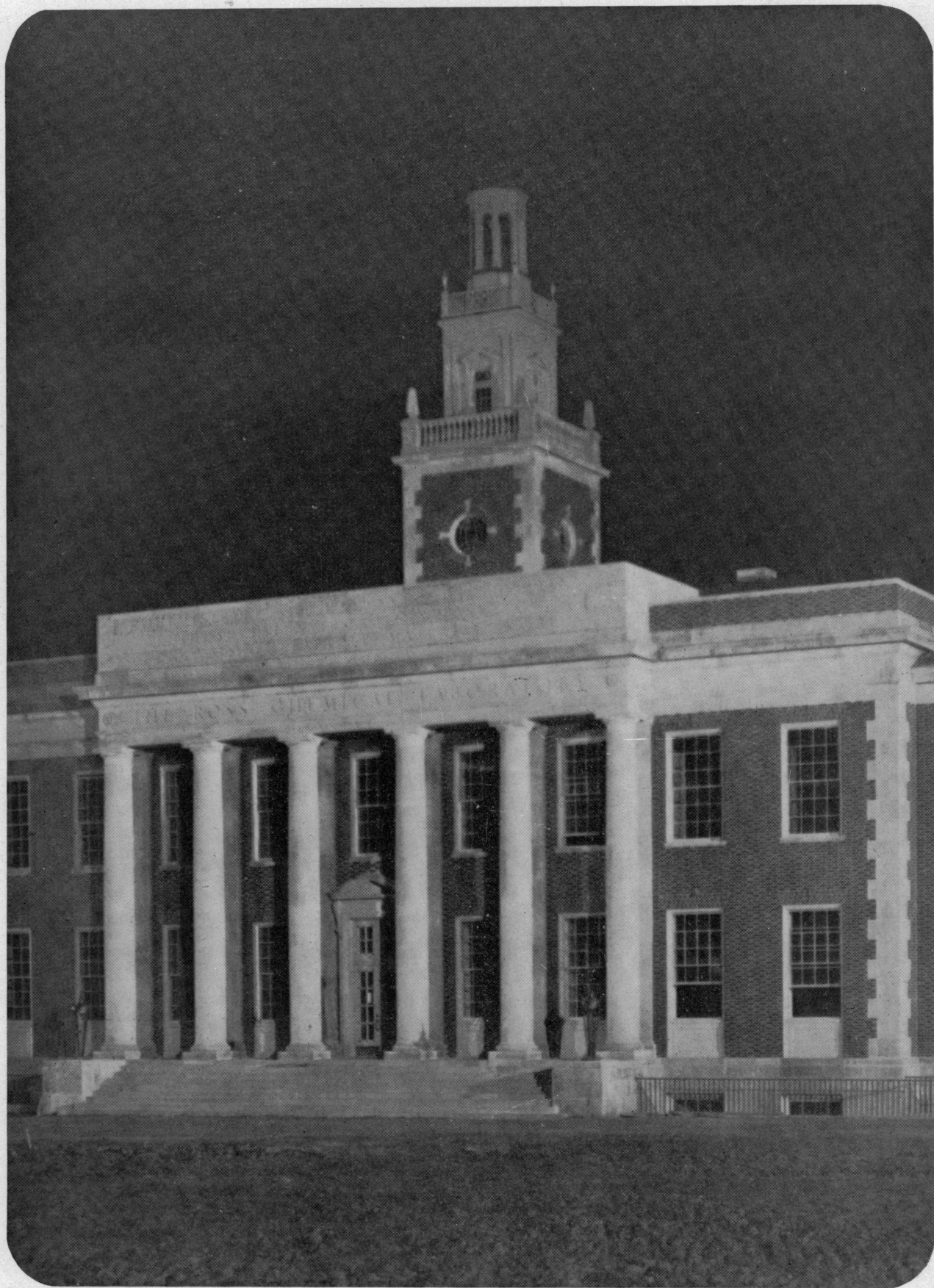
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A NIGHT PHOTOGRAPH OF THE NEW ROSS CHEMICAL LABORATORY.

THE AUBURN ALUMNUS

VOLUME XII

AUBURN, ALABAMA, OCTOBER, 1930

NUMBER 1

Doors of College Open for Fifty-Ninth Session

Freshmen Hear Addresses by Governor and Mrs. Graves following a Two-day Period of Orientation during which President Knapp and Deans of Various Schools Explain Many Fields of College Training

AFTER the lethargy of the post-summer vacation, activity flowed again into the veins of Auburn on Monday, September 8, when the Institute's old and new students began the business of registration. Official figures have not yet been announced, but the atmosphere seems optimistic for a substantial increase in this fifty-ninth freshman class.

Following the customary two days given the "rats to find their holes," they were officially welcomed the following Wednesday morning by President Knapp in an address on "Education as the Development of Personality." In the address he brought out the importance of liberal education in the formation of a forceful personality.

Work to be done in their various departments for the coming year was outlined by the deans after Dr. Knapp had spoken, and the freshmen given instructions concerning textbooks and assignments.

That afternoon, at Langdon Hall, freshmen were given the placement tests in English, to determine their fitness for courses in that department. The Y. M. C. A. conducted an informal tour of the campus and buildings for the new men later in the afternoon.

Psychological tests for freshmen were continued Thursday morning until ten o'clock when President Knapp again addressed the students, this time on the subject of "College Life and How to Meet It." Dr. B. F. Thomas made a short talk on health preceding the talks by the various deans and school faculties held later in the day.

Governor and Mrs. Graves

The freshmen heard Governor and Mrs. Graves speak at a special convocation before classes on Friday morning of registration week. Governor Graves was introduced by Dr. Knapp for his address on life preparedness. Diligence to their duty, thoroughness in their work, mastery of their studies, and the practice of

the highest ideals and habits while in college were the keynotes of his talk.

Mrs. Graves impressed the new registrants with her short address on practical idealism, reminding them of the responsibilities they must be prepared to assume, but assuring them that these were outweighed by the advantages of superior education. Governor and Mrs. Graves delivered two addresses during their brief stay in Auburn. Upperclassmen attended the first convocation while the freshmen attended the second.

Following an informal reception and rally for freshmen sponsored by the Y. M. C. A. Friday evening of the registration week at Langdon Hall, nearly four hundred students assembled in front of the hall and formed a snake-dance which wound through the town. After a march down the main street, the freshmen assembled in the auditorium. Here Dr. Knapp and several prominent upperclassmen gave them final welcome to the college.

Two Courses In Aeronautical Engineering Added To The Technical Curriculum

BEGINNING with the 1930-31 session two courses in aeronautical engineering will be offered here by Lt. V. C. Finch, who has arrived at Auburn from the Pacific Coast and assumed charge of the work.

One will be a course in aviation designed to qualify students for passing the ground work examination of the Department of Commerce. The other will be a course in airplane design. They will be an addition to the curriculum made by President Bradford Knapp to meet a growing demand.

In a statement concerning the proposed work, Dean John J. Wilmore, of the School of Engineering, said that the aim is to familiarize students with the principles of flight and with the fundamentals of design and construction as applied to the airplane.

The aviation subjects will be coordinated with other engineering subjects and courses, thereby building one upon the other. Because of this combination, Auburn has distinct advantages in aviation and instructional work.

Following the usual preliminary work and the subjects fundamental to all engineering, part of the third and fourth years of mechanical engineering will be devoted to aero-

nautical subjects, Dean Wilmore said. Lectures on aviation and airplane design will be supplemented by drafting room practice and by laboratory work both in the methods of aeronautical research and in the maintenance and repair of airplanes.

"While a graduate who elects the aeronautical engineering option will be especially prepared for service in the engineering department of an airplane manufacturing company, the course will be not so highly specialized as to exclude the proper and necessary subjects needed by a man entering other divisions of the mechanical engineering field," he said.

"In particular, the aeronautical engineering option will furnish a sound basic training for those desirous of associating with the aviation industry, whether their primary concern is with the manufacture of airplanes or with their operation and maintenance in connection with air transportation," he added. "But the course has been so arranged that the election of the aeronautical engineering option does not preclude a graduate's entering other phases of the broad field of mechanical engineering should occasion arise."

A substantial enrollment has resulted at the outset.

Insurance Plan Meets With Approval of Alumni— Over \$3,000 Added to Scholarship Fund

*President Knapp, Alumni President Paterson, and Executive Committee of Association Endorse Insurance Plan
Drawn up by All States Life Insurance Company Whereby Part of Dividends on Policies Taken Out by
Alumni Revert to Scholarship Fund*

THE AUBURN ALUMNI ASSOCIATION has embarked upon a plan which is being adopted by a large number of colleges; namely, raising the money for student loans, scholarships, and other purposes through the life insurance method. The life insurance plan often has two different forms: first, the taking out of life insurance payable to the institution at death, and, second (the one adopted by the Alumni Association of Auburn), providing for payment of dividends on the insurance to the institution, the face of the policy being paid to the insured at its expiration or to the beneficiary at the death of the insured. This plan provides an investment for both the insured and the institution.

On July 15 the Alumni Association entered into an agreement with the All States Life Insurance Company, Montgomery, Alabama, for the writing of insurance on a plan offered by the All States. A special policy form was drafted and lithographed in Auburn colors, the plan was approved by the State Insurance Commissioner, and the writing of insurance begun. It is definitely understood that the contract made with the All States Company does not preclude any alumnus dealing through any other company if he so desires, though it may preclude the use of this special form of policy which has special features in it and as to which the All States Life Insurance Company has prior right.

\$3,000 Already Paid In

Under the plan, sight drafts or coupons are attached to the policy. They represent approximately one-half of the dividends to be earned and the proceeds of these coupons are immediately available year after year for the use of the Alumni Association for student loans, scholarships, etc. It might be stated here that more than \$3,000 has been paid in under this system before the *Alumnus* goes to press.

It was the opinion of the Executive Committee of the Alumni Association that greater results would be obtained by concentrating upon one company rather than by opening the matter to other companies, although,

MAKE YOUR APPLICATION

ON PAGE 5 is reproduced the application form, the rates of premium, and full instructions, so that any Auburn Alumnus, who wishes to do so, may clip out the application form, fill it in, and forward it to the President of the Alumni Association.

as stated above, there is no intent or purpose to make this an exclusive matter. The dominant thought in the mind of the Alumni Association was that concentration upon this one company would bring greater and better results. The policy is so worded that the results under the All States plan are more immediate than under other plans.

Since the agreement was made with Auburn, contracts have been closed by the All States Life Insurance Company with Mississippi A. & M., at Starkville, and with Oglethorpe University, at Atlanta, Georgia, for carrying out the same identical plan. We understand negotiations are on with other institutions.

President Knapp Approves

The following words are quoted from a letter from Pres. Bradford Knapp to the president of the Alumni Association:

"Ever since I came to Auburn in 1928 I have been deeply impressed with the great need of helping worthy young men and women through this institution by loans from a fund accumulated for that purpose. I am still deeply impressed by the fact that this is one of our greatest problems. Recently my attention has been called to the plan of insuring the lives of Alumni, students, and friends of the institution in a good substantial life insurance company under a policy carrying a provision that the annual dividends from the insurance shall be paid into a fund for the benefit of students of the educational institution. The plan is not a new one. Essentially it has been used at other times and for other purposes, but I have taken occasion recently to examine it again and I want to give it

my endorsement. An insurance policy is an investment. If a man invests his money in a bank and lets the dividends from the bank go for the benefit of his Alma Mater, it would be the same thing. Life insurance, however, is an interesting, growing, and now one of the most important methods of making investments presented to the average citizen.

"Since we have such fine insurance laws in the State of Alabama and the working policies of every company are under the supervision and inspection of the Insurance Department, I feel that when the Insurance Department has endorsed and approved this plan of insurance, it is perfectly safe to invest in it. I feel, therefore, that the Alumni and friends of this institution will be warranted in making such investments where the dividends might be assigned for the purpose of helping worthy students through this institution. The Alumni Association of Auburn is doing a worthy work in pushing this plan."

Many Alumni Sign Up

A partial preliminary list of friends and alumni of the institution who have signed up under the plan is as follows: Dr. Bradford Knapp, Director Luther N. Duncan, Coach Chet Wynne, Dr. George E. Blue, Walker Reynolds; Cecil C. Phillips, of Sipsy; Marcus Williams Crenshaw, Huntington, West Va.; J. W. Andrews, Montgomery; Philip Henry Hardie, Brooklyn, N. Y.; Clifford B. McManus, Atlanta; Leroy S. Boyd, Arlington, Va.; Hoyt Greer, Sheffield; William F. Byrd, Gadsden; Ewell W. Robinson, Ashland; G. W. Blackshear, Opelika; Edmund C. Leach, Montgomery; Charles E. Doughtie, Atlanta; William W. Corcoran, Birmingham; William H. Webber, Montgomery; Arthur J. Butt, Montgomery; K. V. Reagan, Glencoe; Jack Chambliss, Montgomery; John L. Whatley, Opelika; Sam P. Robinson, Auburn; William F. Joseph, Montgomery; Ben S. Wilmer, of Birmingham; James L. Andrews, Greenwood, S. C.; H. H. Booth, Anniston; Hugh L. McElderry, Talladega; Charles R. Allen, Charleston, S. C.; Otto K. Seyforth, Anniston; James

(Continued on page 15)

THE 20-PAY SCHOLARSHIP POLICY

AUBURN'S OPPORTUNITY FOR IMMEDIATE PROFIT: THE FIRST FIVE YEARS.

Here are the amounts guaranteed for the Scholarship Committee's use every year for five years per \$1000 of insurance.

Age At Issue	Premium Per \$1000	Coupons for Each of First Five Years
20	\$29.36	\$14.57
1	29.71	14.58
2	30.08	14.59
3	30.45	14.59
4	30.84	14.60
5	31.25	14.61
6	31.68	14.62
7	32.14	14.63
8	32.63	14.64
9	33.10	14.65
30	33.66	14.66
1	34.23	14.67
2	34.82	14.68
3	35.45	14.69
4	36.12	14.71
5	36.82	14.72
6	37.55	14.74
7	38.34	14.75
8	39.18	14.77
9	40.06	14.79
40	40.99	14.80
1	41.97	14.82
2	43.04	14.82
3	44.16	14.87
4	45.37	14.89
5	46.64	14.91
6	48.00	14.94
7	49.44	14.97
8	50.08	15.00
9	52.64	15.03
50	54.41	15.07
1	56.26	15.10
2	58.27	15.14
3	60.39	15.18
4	62.67	15.22
5	65.10	15.28
6	67.70	15.33
7	70.45	15.38
8	73.43	15.44
9	76.59	15.50
60	79.99	15.57

After 5 years the dividends themselves may be larger but the guaranteed coupons are still substantial.

Note: Mississippi Agricultural and Mechanical College's Alumni Association has also contracted with the same Insurance Company for this policy, and many other universities are considering it now.

It gives immediate results. The All States Life after a few weeks' work paid the Auburn Alumni Association \$3,020.55 in Cash!

Every member of the Alumni Association should be seen by a Representative of the Insurance Company and of Auburn, but you can save time by filling out the following application yourself.

ALL STATES LIFE INSURANCE COMPANY

THIS INSURANCE IS APPLIED FOR UNDER MASTER CONTRACT ISSUED TO THE SCHOLARSHIP COMMITTEE OF AUBURN ALUMNI ASSOCIATION.

NAME IN FULL (Print)		Age _____ (At Nearest Birthday)	
HOME ADDRESS		Date of Birth Day _____ Month _____ Year _____	
Full Christian Name of Beneficiary		Relationship of Beneficiary	
Life Insurance to be paid to			
Occupation			
In what Companies, Associations or Societies is your life now insured? (List below).		Have you ever been declined for life insurance, postponed or had a policy issued other than as applied for? (Give details).	
DATE	COMPANY	AMOUNT	Premiums
			Life Insurance _____ \$ _____
			*Dis. A, B or C (_____) \$ _____
			*Double Indemnity (_____) \$ _____
			*Triple Indemnity (_____) \$ _____
			Total Premium _____ \$ _____
Plan of Insurance 20 Payment Life—Participating			*These depend upon age and are furnished upon request.
Amount of Insurance \$ _____			

I agree that the insurance hereby applied for shall remain in force only so long as premiums are duly paid as provided for in the Master Policy and the certificate issued to me. I hereby give permission to any physician to disclose to the All States Life Insurance Company any facts or information acquired by him as the physician of the person proposed for insurance. I hereby agree that any insurance issued under this application shall not be in effect until delivered to me during my lifetime and good health.

DATE _____ SIGNATURE _____

STATEMENTS MADE BY THE APPLICANT AS A BASIS FOR THE COMPANY'S ACTION IN ACCEPTING THE APPLICATION

Exact Height	Exact Weight	How much weight have you lost or gained in the past year?
Have you any deformity?		Is your sight or hearing impaired?
Have you ever had, or been advised to have, any surgical operation?		Have you had any illness or injury in past five years?
To what extent do you use intoxicants?		Have you ever been under treatment for albumen or sugar in urine? For abnormal blood pressure?
Have you ever been associated with anyone having Tuberculosis? When?		Have you ever changed occupation or residence on account of health? Are you ruptured? Is truss worn?
Have you, in last five years, been attended by a physician? By whom? (Give details.)		
Give name and address of family physician.		
Have you ever had or been affected with: Cancer, Tuberculosis, Syphilis, Epilepsy, Apoplexy, Paralysis, Mental Derangement, Kidney or Heart Disease, or Gall Stones? (Give dates, details, and physician attending.)		
Have you lost any time from work during the past 3 years on account of illness or injury? (Give dates and full details.)		
Have you ever raised or spit blood?		Have you ever been on a special diet or received drug injections? (Give details.)
Do you use or have you ever used cocaine, morphine, opium or any other drug? (If so, give details.)		Age of father, if living? mother? Condition of health, father? mother?

Signature of Witness.

Signature of Applicant.

Clip the above Application after filling it out; be sure to use pen and ink as pencil writing does not photograph. A copy will be attached to your policy. Mail the application to

J. HAYGOOD PATERSON, President
Auburn Alumni Association
Montgomery, Alabama

Twenty-Seven New Faculty Members Are Added To Teaching Staff For Current Year

New Department of Speech Organized with Prof. Lyman Spicer Judson in Charge—Several Holder's of Doctor's Degrees Are Among New Professors Who Come from All Sections of the Country

TWENTY-SEVEN new faces are seen on the teaching faculty this year. Some of them are additions made on account of the expansion in certain departments while others replace members of the faculty who have resigned.

There are two new men in the school of engineering under Dean John J. Wilmore. Volney C. Finch, former instructor at the Naval Air Station, Pensacola, Fla., has been employed as professor of aeronautical engineering and Charles N. Cobb has been appointed instructor in metal trades. Cobb is a graduate of Clemson College, South Carolina. He comes to Auburn from North Carolina where he has been assistant supervisor of vocational rehabilitation.

E. W. Camp, head of the school of textile engineering, has associated with him Charles B. Ordway and William Edward Tarrant. Ordway is a textile chemist. He has been appointed associate professor of textile chemistry and dyeing. Tarrant, who will be instructor in textile engineering, is a graduate of Clemson College, South Carolina, and has had much experience in textile plants.

Dean John W. Scott has announced the appointment of four new men in the department of economics and business administration. Dr. E. L. Rauber, who received his doctor's degree from the University of Chicago, comes to Auburn as an associate professor. He spent last year studying at the University of Jena, Jena, Germany. Another new associate professor is Dr. John H. Coff, former member of the faculty of Armstrong College, Berkeley, California. He received his doctorate from Georgetown University. H. L. Macon, who will be an assistant professor in the department of economics and business administration, comes to Auburn from the University of North Carolina where he has been a member of the faculty for the past two years. The other new man is W. C. Crow who received his master's degree and has done additional work at the University of Chicago. He has been appointed instructor.

Two new men in the department of physics are Dr. W. N. Arnquist and Roy Goslin. Dr. Arnquist has been appointed assistant professor of

By **WALTER L. RANDOLPH**
News Editor, A. P. I.

physics after receiving his doctor's degree from the California Institute of Technology. Mr. Goslin, graduate of Nebraska Wesleyan and holder of a master's degree from the University of Wyoming, has been appointed instructor in physics.

New Department of Speech

ONE of the notable expansions made at Auburn this year is the addition of a department of speech. Lyman Spicer Judson has been appointed associate professor of speech. He is a graduate of Albion College and received his master's degree in speech from the University of Michigan.

George Richard Trott has been appointed instructor in mathematics. He has been studying and teaching at the University of North Carolina where he received his master's degree. Another new member of the mathematics department is Clarence Adkins Christensen, instructor, who graduated at Auburn in 1928.

Three new men have been appointed as instructors in the English department. They are Charles Robert Wade and Tinsley Carter Harrison. Harrison received his master's degree at the University of Virginia in 1929 and during the past year has been associate professor of English at Randolph-Macon College. Wade received the master's degree from Vanderbilt University in 1930.

Don Bloch, graduate of the Medill School of Journalism of Northwestern University in 1927, who, since he received his master's degree at that school has been for the past two years instructor in English at Northwestern, has been placed in charge of the courses in journalism.

Dean Frederic Child Biggin announces the appointment of Walter Herman Swettman, 1929 graduate of the University of Pennsylvania, as instructor in architectural design.

The appointment of two new men in the chemistry school has been made by Prof. C. L. Hare, acting dean. Dr. H. B. Gordon, who received his doctorate at the Univer-

sity of Illinois in 1912 and has had practical experience with Leeds Northrup Co., U. S. Testing Co., and other organizations, has been appointed professor of chemistry. The other new man in chemistry is H. D. Jones, associate professor, who has returned to Auburn after a leave of absence.

Several additions have been made in the school of agriculture under Dean M. J. Funchess. George John Cottier, graduate of Auburn and holder of a master's degree from the University of Missouri, has been appointed instructor in animal industry.

Norman Wade Wilson, graduate of the University of Illinois, has been appointed assistant professor of agricultural engineering. Before coming to Auburn he was assistant in agricultural engineering at Ohio State University.

Dean C. A. Cary, of the school of veterinary medicine, has appointed Dr. Mark Worth Emmel professor of animal pathology. He is a graduate of Iowa State College and taught physiology at Auburn from 1925 to 1927. He resigned to do research work at Michigan State College where he received the master's degree. Dr. R. S. Sugg has resigned as county agent of Lee County to become professor of bacteriology in the school of veterinary medicine. Dr. Sugg is a former member of the veterinary faculty.

W. C. Kelley, 1930 graduate of Auburn, has been appointed instructor in zoology and entomology. He will spend half of his time teaching and half in research.

P. C. Brook has been appointed assistant supervisor of agricultural education. He received the master's degree from the University of Georgia and has had several years experience as a teacher of vocational agriculture. He began work June 1.

The department of athletics accounts for three other additions to the faculty. They are Chester A. Wynne, head coach, and Roger J. Kiley and J. J. Cannon, assistant coaches. In addition to coaching athletic teams these men will give instruction in physical education.

Comradeship Of College Days In The Eighties Weathers Storms Through Forty-nine Years

ALMOST half a century shot through with sunshine and sorrow passes. Two Auburn men who have not met in that time are suddenly brought into live contact through the grown son of one of them. When Elliot Callaway, son of Joseph Callaway, '81, of Montgomery, Ala., by chance met A. J. Mitchell, '81, in Jacksonville, Fla., the result was that the two Auburn grads strike hands to renew a college friendship which has spanned the stretch of forty-nine-years.

The story was caught in the wheels of the press by Mr. Ben Prout, a writer on the Jacksonville (Fla.) Journal, who saw the human interest in the incident and headed his able feature "Out of the Past." Here is Mr. Prout's story:

AMAN whose pure white hair stands in stubborn pompadour, and whose dark eyes twinkle away the years that stand behind him, sat in his office on the 13th floor of the Graham (Jacksonville, Fla.) the other day.

Seated in a chair beside him was a younger man—a newcomer to Jacksonville who was reporting to the man who would be his boss.

"Your name?" asked the grizzled veteran.

"Callaway," said the other, "Elliot Callaway."

"And you spell it?"

"C-a-l-l-a-w-a-y," said the younger man. "Rather unusual?"

"Very. . . You're not by any chance related to the Callaways of Montgomery—to Joe Callaway, the lawyer?"

"Joe Callaway is my father," said the newcomer. "Why?"

But for a moment he received no answer. Memories came creeping into that office in the Graham Building, memories so long buried it had seemed they might never be revived.

"And your father . . ." said the gray-haired man, finally, "is . . ."

"In Jacksonville with me," the younger man completed the sentence. I'll bring him up to see you."

SO, one day early this week, a slender, smiling "young" man of 69 stood in the door to the office of A. J. Mitchell, Jacksonville's weather man for the past 40 years.

Mitchell looked up. For a second he seemed curious, then a wave of recognition swept over him.

Our appreciation is extended to Mrs. B. B. Ross who sent us this fine article. Mrs. Ross is the wife of the beloved late Dr. Ross who was a member of the class of 1881 along with A. J. Mitchell of Jacksonville, Fla., and Joseph Callaway of Montgomery, Ala., about whose novel experience the article is written. Other prominent members of this class are Clarence Ousley of Dallas, Texas, and J. Davis Trammel of Ft. Worth, Texas.

It is understood that these "eighty-oners" are planning to return to Auburn on Alumni Day next May for the purpose of celebrating their fiftieth graduation anniversary. The Alumni officially expresses the hope that they do find it possible to return to the campus at that time for their "diamond celebration."—Editor.

"Joe . . ."

"Mitch. . . ."

And two hands grown lean by the toil of half a century clasped for the first time in 49 years; two pairs of eyes which have seen many changes come over the world lighted with the gleam of an almost forgotten friendship, and two faces, deeply furrowed with life's cares, broke into a grin.

The last time A. J. Mitchell and Joe Callaway saw each other was in June, 1881.

They might never have seen each other again but for Elliot Callaway's desire to get into the U. S. Weather Bureau, aviation branch.

He recently passed his examinations and was accepted into the service. Not long after, Uncle Sam decided to have an aviation bureau at Jacksonville's municipal airport.

Some fate which is kind to gray-haired college chums sent Elliot Callaway to Jacksonville and placed his work under the direction of A. J. Mitchell.

MITCHELL and Joe Callaway were classmates at Alabama Polytechnic Institute in Alabama. They were to have filed past the president of the Institute that June in 1881 to receive their diplomas together. Mitchell suddenly received an appointment as a civil engineer in a northern city. He couldn't wait for

the graduation exercises to come.

There was a sudden farewell, the usual assurances that they'd see each other soon again, and they parted.

Both meant to write in the years which immediately followed, but neither did. Callaway went to Mobile as a school teacher, later traveled into Texas, following the same profession, and finally settled down in Montgomery to practice law.

Mitchell took one post after another as an engineer, and at last went into service of the U. S. War Department when it was in charge of weather bureaus. About 1890 he was sent to Jacksonville, and ever since has predicted what Jaxons should expect of fickle sun, rain, and frost.

All these reminiscences and many others have passed between the two in the past two days.

"DO you remember," Joe would ask, "how we broke out of barracks that night and went by 'pussonal express' to Opelika?"

"Yes," Mitch would answer. "And do you remember how we stopped for a little refreshment on the way home and the 'pussonal express' kind of got tired of ushing us along?"

And they would laugh over that recollection.

They talked about their families.

Mitchell gave the name of the woman he married.

"You don't say so!" cried Joe. "Why, she went to school to me in Mobile. Can you imagine that?"

"It's a good thing you were the teacher, and she the pupil," said Mitch. "And it's also a good thing you left Mobile when you did. If I'd have caught you making love to her . . . When did you leave Mobile, anyhow?"

And Joe told him.

"I missed you by a year," Mitchell commented. "I went there on an engineering job; we would have to miss each other!"

Mitchell and Callaway were joint editors with Clarence Ousley of the first college paper ever published in the South.

"I WONDER if there's a copy of the Auburn Cadet in existence?" asked Callaway.

"I've got the only one," said Mitchell.

(Continued on page 16)

William Herschel Bruce '83, Author and Educator, Subject of Lengthy Treatise on Life and Work

"His Entire Teaching Staff and Many Students Followed Him to Denton," Says C. M. Mizell of Dr. Bruce. He is President Emeritus of the North Texas State Teachers College, at Denton, Well-known Scholar, Poet, and Academician.

DR. WILLIAM HERSCHEL BRUCE, '83, has been made the subject of a learned thesis, "Dr. W. H. Bruce, His Contribution to Public Education", by C. M. Mizell, of the North State Teachers College, at Denton, Texas. The extremely fine piece of research done upon the life and work of Dr. Bruce has come recently into the hands of the editors.

The influence and reputation of Dr. Bruce as a teacher, lecturer, and author of various educational and mathematical treatises as well as two books of reminiscence and informal philosophy in verse, is well known in the southern states. He was graduated from Auburn in 1883 with the degree of B. A., and the young scholar had already shown his bent for pedagogical and mathematical brilliance. Dr. Otis D. Smith, head of the mathematics department of Auburn at that time, is free in his praise of Dr. Bruce.

Goes to Texas in 1893

Following his graduation at Auburn, Dr. Bruce took graduate work at Mercer University in Macon, Ga. His next activity was as principal of the new high school at Blanco, Texas, where he remained until 1893, when he removed to Marble Falls, Texas, as superintendent. His whole faculty and many students followed him here from Blanco. Several positions were offered Dr. Bruce between this time and 1901 when he came finally to Denton, Texas, where he has remained since that time. There were eight years of organization, writing, lecturing, teaching, and even a short period as master of his own institution at Athens—Bruce Academy.

He came as professor of mathematics to Denton, but remained to become president in 1906. In the years following he has made his fine influence felt in almost every department of the normal school, and has raised the standards of that school to the position it now holds. Dr. Bruce retired as active president in 1923 and has been president emeritus since that date.

Published Many Books

The varied attainments of Dr. Bruce cannot have a better record

than that furnished by his published works. His interest in mathematics and his progressive attitude toward professional methods in education have borne definite fruit in his books.

The background of his works on mathematics is his deep interest in this subject during his college days.



DR. WILLIAM H. BRUCE '83

When he became a teacher, this was his pet subject, and he has advanced far in improved methods of presenting it. His study along this line led him to some original thinking, the results of which have been published through many editions. His works include many textbooks of mathematics.

NO LESS naturally came his textbooks on education. They answered a real need of Texas teachers and appeared at a most opportune moment, just when the schools there were feeling the first touches of organization.

Dr. Bruce's love of nature and of all that is beautiful has been a source of great pleasure to him. He has one publication which illustrates this love, as well as his artistic and literary ability.

These three types of books cannot fail to mark him as a learned scholar and mathematician, an educator of merit, and as a poet of some excellent ability.

Dr. Bruce is co-author with Dr. W. S. Sutton of a series of arithmetics called the Lower and Higher Books, published by D. C. Heath and Company, which were adopted and used by all Texas schools for six years. He is also the author of textbooks on both plane and solid geometry, both of which are used in many private schools and in some of the normal schools in New Mexico.

The work that has given him most renown is a little monograph, published by Heath and Company, in 1904, called "Some Noteworthy Proportions of a Triangle and Its Circles". The originality of this work was considered a sufficient contribution to the subject of mathematics to enroll him in the book of the *American Men of Science*, which appears every five years.

In 1916 at the request of State Superintendent W. F. Doughty, he wrote for the use of the summer Normal Institute of Texas, a textbook called the *Principles and Processes of Education*, which book was used at that school for the following three years. It is interesting to note that the contract for the writing, publication, and adoption of this text was made before a word had been written.

Book of Verse

Outside of his pedagogical and mathematical studies, he published more recently a small book of verse, *The Charms of Solitude*, which he sub-titles as day dreams put into words, and dedicated the volume to his wife, who died in 1923.

Three large sections of the thesis devoted to the life of Dr. Bruce are given over entirely to his excellent work as lecturer throughout the states of Mississippi, Alabama, and Texas, his work as curricula reviser and reorganizer, and his extensive correspondence with important educators of the country. Over one hundred lectures upon the most varied subjects are listed, their titles indicating the versatility of interest shown Dr. Bruce. All of those listed were given in the five-year period from 1915 to 1920 thus showing he was greatly in demand during that time.

Each institution with which Dr.

(Continued on page 15)



PREXY'S PAGE

BRADFORD KNAPP, President



New Staff Members

THE SECURING of Doctor Charles H. Herty, distinguished chemist and consultant, as a special lecturer in chemistry, is a distinct step in advance. Doctor Herty is an outstanding man with a national reputation and his coming to us once a month to lecture on the new phases of chemistry will be a great inspiration to the students in this important and growing division of Auburn.

The addition of Dr. E. L. Rauber, Dr. John H. Goff, Mr. H. L. Macon, and Mr. W. C. Crow to the staff in the Department of Economics and Business Administration adds materially to the important work in that department.

The addition of Dr. M. W. Emmel and the return of Doctor R. S. Sugg, greatly strengthens the work in the division of Veterinary Medicine.

In Physics Prof. Kinkaid and Prof. Murphy resigned and have been replaced by Dr. W. N. Arnquist and Mr. R. N. Goslin.

In the R. O. T. C. our splendid commandant, Major John T. Kennedy, is serving his last year. He has been and is rendering a wonderful service to this institution. This year we lost Captain Anderson, Lieutenant Barth, and Lieutenant Pease. They have been replaced by Capt. W. A. Metts, Jr., a native of South Carolina; Lt. T. S. Gunby, a native of Louisiana; and Lt. H. L. Watts, Jr., a native of Virginia. All three are splendid officers. We are expecting one new addition to the military staff, made necessary by the increased enrollment in both the basic and the advanced courses in R. O. T. C.

Other changes in the staff will be noted from time to time. The whole object of our work is to secure the best trained men possible for every position which becomes vacant or which is created as a new place. Distinct advance along this line has been made. In the past two years the number of members of the staff holding the doctor of philosophy degree has been doubled.

New Buildings

THE ROSS CHEMICAL LABORATORY is in full swing for the first time and a growth of 15 per cent in enrollment in chemistry is the result. The number enrolled in courses in chemistry in the fall semester is 148, making this school one

DISTRIBUTION OF THE ALUMNUS

IN THREE YEARS the number of students at this institution has increased nearly twenty per cent; the building floor space has been increased approximately twenty-five per cent; the number of faculty members has been increased approximately fifteen per cent; but the funds available for the running of the institution have been increased by less than five per cent. We are, therefore, in sore straits to keep the work of the institution going.

When we started out with the *Alumnus* we thought members of the alumni would subscribe and we tried the experiment of sending it out to every alumnus. I discussed the matter with the Alumni Secretary and President and it is my judgment that we cannot do this beyond this one issue. After this one issue I shall ask them to cut the number by fifty per cent and to send it only to those who have paid in their dues. This is not done because we desire to do it but because we feel that economy compels us to do it. I am asking the Secretary of the Alumni Association to let members know this fact.

—Bradford Knapp.

of the largest, if not the largest, of its kind in the South. In addition to the regular enrollment for degrees in chemistry more than 1,000 students are attending chemistry and chemistry laboratory work in this new building every day.

At the beginning of this semester the new Animal Husbandry-Dairy Building is occupied for the first time. It contains the most complete equipment for up-to date teaching of dairying to be found anywhere in the South. The number of students enrolled in these courses has increased.

The new Dairy Barn is now occupied by our splendid herd of young dairy cattle and is being visited by an increased number of people every day. New herds will be purchased soon to add Guernseys and Holsteins to our Jerseys.

The Textile Engineering Building will be completed within a few days

after the issuance of this number of the *Alumnus*. The machinery and other equipment has been ordered and will be installed immediately. This division begins with three instructors: Prof. E. W. Camp, head of the division, Prof. C. B. Ordway, and Mr. W. E. Tarrant.

The new Shops add more than 12,000 square feet of space for shop work and Industrial Engineering. Equipment is being purchased as rapidly as funds will permit and, when complete, this institution will have the best equipped shops of any engineering school in the South.

The School of Architecture and Allied Arts has been moved into the old Chemistry Building where they are comfortably located in a very old and dilapidated building but in it are able to consolidate their work and do it much more efficiently.

Enrollment

IN SPITE of the depression and the disastrously low price of cotton, the number of students this fall has increased by approximately one hundred. A very conservative estimate will place this year's enrollment for the two semesters at 1,900 as compared with 1,797 last year. The conspicuous increases have been in Electrical Engineering and Mechanical Engineering, with a healthy growth in Textile Engineering, the enrollment of which is 55. The increase in the enrollment in Chemistry has been mentioned above. In Home Economics there has been an increase from 56 to 72.

The Summer School this past summer exceeded all records with a total of 1,191 individual registrations.

Ninety per cent of the student body of the Alabama Polytechnic Institute are from the State of Alabama.

The freshman class is the largest in the history of the institution, the fall enrollment being 582 with the prospect that the freshman class for the year will be more than 600. The total enrollment of freshmen for the year 1927-28 was 489 and the total enrollment for the regular session of 1927-28 was 1,641.

Others Reached

THE FULL MEASURE of Auburn's educational work can only be given when we add to the above figures more than 28,000 4-H Club boys and girls, more than 9,000 farm

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ATHLETICS

By ELMER G. SALTER
Sports Editor, A. P. I.



Team Shows Promise Though Defeated by Southern

IT TAKES plenty of training before a team can master the Notre Dame style of playing football and annex games on the win side of the ledger. It took the University of Georgia three years to master this famous system.

Since Auburn showed a good deal of promise in her first game under Coach Chet Wynne, it is not believed that it will take the Tigers that long to master Knute Rockne's system, but it will take time.

While the Plainsmen lost their first game of the season to Birmingham-Southern, 7 to 0, nevertheless, most every real Auburn supporter was satisfied with the showing made by Captain Dunham Harkins & Co. The team looked like it packed potential strength which is expected to explode after more experience.

Most all of the sports writers agreed that Auburn has power, but was disorganized in its first game after the rain started falling. The game was played in a steady rain after the first quarter.

Mr. Stuart X. Stephenson, well-known sports editor of the Montgomery Advertiser, wrote some complimentary lines about Chet Wynne's initial team at the Cornerstone in his daily column, "X-Raying Sports," so we reprint Mr. Stephenson's column in full:

"AUBURN, THERE'S something lasting in that football game.



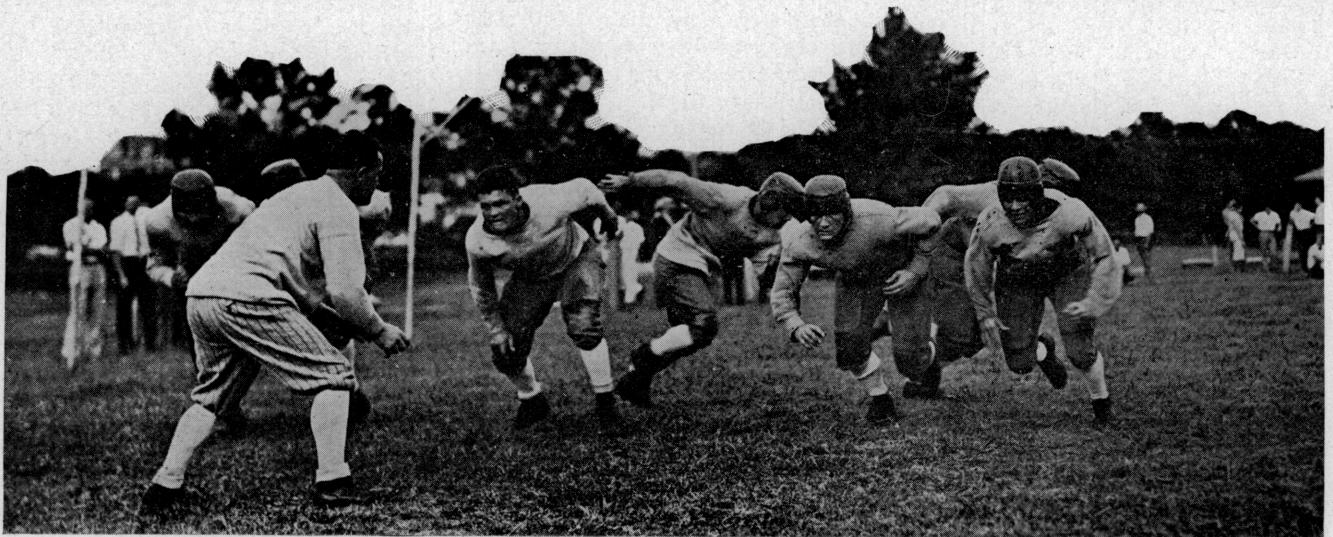
FOOTBALL COACHING STAFF

Left to right, Jack Cannon, freshman coach; Chet Wynne, head coach; Roger J. Kiley, varsity end coach; Earl McFaden, varsity line coach; Weems Baskin, assistant freshman coach.

Crudeness may have cropped up at times in the Birmingham-Southern struggle, but we have yet to witness perfect football under conditions as adverse as they were at Cramton Bowl Friday night (Sept. 26). We do not mean that the Tigers would have beaten Jenks Gillem's fine squad, but it is our opinion that Auburn did not produce the brand of play the Wynne warriors have in their system, in their hearts, and in their heads.

"It looked as if the Auburn athletes just went out and played. There was no zip in their manner, but we can appreciate the reason for this apparent lack of spirit on the part of the players. Those boys have been up against it for two weeks. Not one of them ever before knew what strenuous work was in preparing for a football game.

"They were mentally tired, and it is our honest opinion that the Auburn coaches appreciated the mental at-



TRAINING PICTURES TAKEN AS THEY MASTER THE NOTRE DAME SYSTEM

titude of the men. For this reason they did not aggravate a condition that already had handicapped the team.

"It was not the fault of the players or the coaches. So much work had to be done in such a short space of time the actual combat against the Panthers was the last thing to be considered.

"We were surprised and disappointed at Auburn's defeat, but in defeat we saw some encouraging signs, a flash of light that makes our pulse quicken.

Sophomores Get First Taste of War

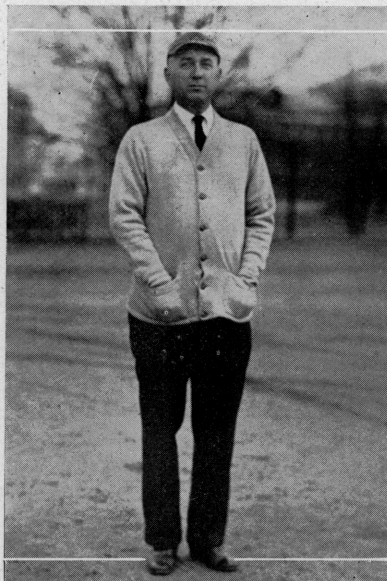
"Everyone should appreciate the fact that eight sophomores started for Auburn. It was the first taste of college competition for virtually the entire Auburn team. Wynne has two reasons for putting the first year men on the firing line. In the first place they have decidedly outplayed the older men; and, in giving the newcomers the invaluable experience under fire Wynne is forging the first links in the strong chain of Auburn football teams of the future.

"Lindley Hatfield, halfback, Joe Burt, guard, and Captain Harkins were surrounded and supported by the sophomores, all of whom convinced us that mid-season will find the cleverest combination of cleat-wearers to come off the Plains in many an autumn moon.

"Everything did not go to suit the Auburn Coaches. The backfield and linemen forgot some of the heads-up stuff they had been taught. The Auburn attack was harnessed to safeguard against possible confusion. Wynne knew he could not send his athletes into action with their skulls crammed with intricate plays after only two week's preparation. Therefore, he wisely limited the team to a few plays, all of which looked good but lacked punch because the line

did not hold and the backs did not provide the blocking that's necessary to make any system click.

"Based almost wholly on deception, the Auburn offense started like a flash and brought many thrills but Southern had a chance to do some second guessing as the light Tiger



COACH WILBUR HUTSELL

In addition to his duties as track mentor, Coach Hutsell serves as trainer for the Auburn Tigers during the football season.

ball carriers skidded before they could get under way.

"In the tackling department the sophomores looked sure and they tackled with all the fury of a more experienced team. Especially outstanding were those fine end prospects—Sam Mason and Porter Grant.

Auburn Ends Play Man-sized Game

"Mason and Grant protected their flanks creditably throughout. As Captain Harkins was playing a roving center he whipped out repeatedly only to pile into the heap that

had been caused by one of the Tiger wingmen. Southern was not effective around the Auburn extremities and Captain Pilgreen of Southern realized it. Therefore he outguessed Auburn and resorted to the air under the most unfavorable conditions. While the aerial attack decided the issue, the Panthers also knifed great gaps in the Tiger line which proved rather conclusively the Panther forwards were doing a big job.

"Ike Parker made some mistakes in his generalship. All of us can guess him, but few of us would have displayed the courage he showed under fire. He tried to catch those slippery kicks from the toe of Jackson and the other Southern kickers. He thought it was one of the main hopes to carry that ball deep into Panther territory. His several fumbles of the kick cost Auburn some golden ground, but then it was a chance he took, a chance perhaps that a more seasoned campaigner would not have taken.

"Jimmy Hitchcock, the Union Springs kicking phenom, eliminated Wynne's worries insofar as the punting was concerned. Hitchcock's exhibition was beautiful to behold. Tom Brown played a smashing game behind the line but he failed to get going consistently on the attack. The other first-year varsity men in the heat of battle were Prim at tackle, Wood at guard, and Miller at tackle. Could any man, woman, or child say they did not play their part in the second quarter when Southern failed in three mighty thrusts to push the leather over from Auburn's three-yard line?

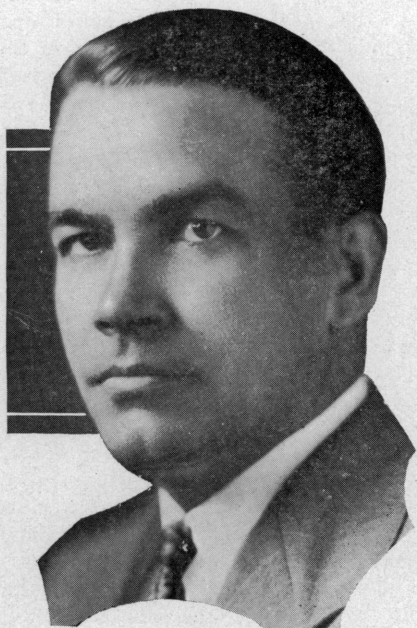
"This magnificent stand saw the Tiger line charge low and tackle hard but the sturdy stand may have been overshadowed by the 40-yard off-tackle run by Vaughn and Pilgreen's 32-yard sprint that followed to hurl

(Continued on page 15)



THIS HAPPENS EVERY AFTERNOON ON DRAKE FIELD

Warren Andrews Elected to Important Position with Montgomery Bank



WARREN ANDREWS '16

AN AUBURN man, who, as O. O. McIntyre would phrase it, "made good in the city" has returned to his old hometown of Montgomery to accept one of the most responsible banking positions in the state.

Warren Andrews, son of Dr. and Mrs. Glenn Andrews, of Cloverdale Road, last fall became vice-president and trust officer of the First National Bank of Montgomery.

Following his graduation at Auburn in 1916 Mr. Andrews was made associate professor in history, meanwhile taking post graduate training. He received his master's degree at Auburn in 1917.

During the same year he volunteered for service in the World War and joined the Field Artillery Corps of the U. S. Army. He remained with the army until 1924. Entering as a second lieutenant, Mr. Andrews subsequently attained the rank of captain and since his retirement the rank of major in the Reserve Corps.

He served overseas 13 months and emerged without a scratch.

In 1920 while in the army he was assigned to Princeton as professor of military science and tactics, which post he held until 1924. During this time he was coach of the Princeton Polo team which in 1924 won the International Intercollegiate Championship trophy.

Until 1924 the possibility of his becoming a banker was almost as remote as when he left Barnes' School.

Several influences drew him into banking. At Princeton and in New York he had made many friends. He knew that while in the army one is often subject to transfer and through connections he had established at Princeton and in New York, Mr. Andrews resigned from the Army in the summer of 1924 and accepted a position with the Farmer's Loan and Trust Company of New York.

Shortly after his connection with the Farmer's Loan, Mr. Andrews was made assistant secretary and one of the managers of the Fifth Avenue and First Street office.

He resigned from the Farmer's Loan and Trust Company in 1928 to become secretary of the Investment Research Corporation of Detroit. The corporation manages investment trusts and one of the trusts handled by it is the Southern Bond and Share Corporation of Birmingham. Mr. Andrews is a director of the Southern Bond and Share Corporation.

He recently resigned as secretary of the Investment Research Corporation to become the vice-president and trust officer of the First National Bank. As trust officer he will be in charge of the trust and securities department as the successor of W. C. Bowman, who was made president of the bank a few months ago.

Mr. Andrews retained his directorship in the Southern Bond and Share Corporation.

USE AND ABUSE OF AUBURN

IN an attempt to define loyalty to one's Alma Mater from a new angle, the Jefferson County Auburn Alumni Association has asked that the following resolutions appear in The Alumnus:

WHEREAS from time to time the Alumni of the Alabama Polytechnic Institute receive letters from parties seeking political office, in which the signer states that, having gone to Auburn, he would like to secure the support of the Auburn Alumni. Likewise, the Alumni receive letters from time to time, from parties who have securities or merchandise to sell, asking that the Alumni favor their plans or schemes, due to the fact that the signer attended the institution.

THEREFORE be it resolved:

FIRST: That as the Alabama Polytechnic Institute is neither a political nor a commercial institution, we look with disfavor upon those who would

HORLEY '28 AND HAUSER '29
TO DO ENGINEERING RESEARCH

It has been announced by the Engineering Department that W. J. Horsley '28 and E. R. Hauser '29 will be in Auburn this year to carry on extensive research work.

Mr. Horsley will start by investigating the problem of "pitting" in water wheels. This is a continuation of work started two years ago by Professor Hixon. A four months period of observation of water wheels at the Martin Dam on the Tallapoosa River seems to indicate the results are going to be satisfactory. There are two other problems which Mr. Horsley intends to investigate. One is the heat treating of metals and the second is refrigeration. Inasmuch as old methods of making ice are costly, Professor Hixon started on a new method which has been developed so far as to give satisfactory results. The publication of a book describing the identical method made a change in procedure necessary. For them the problem of making ice from the raw water has resolved itself into a matter of eliminating waste heat.

Mr. Hauser's work will be conducted under the supervision of Professor Dunstan. His aim is to secure better welds for aluminum and brass. The welds on these metals have been found very rough and ineffective. The purpose is to try using atomic hydrogen in securing more satisfactory results. The problem was suggested by one of America's large electrical companies, and the equipment for the work was also furnished by this company.

attempt to draw the institution into politics or to bring pressure on the Alumni to purchase merchandise or securities.

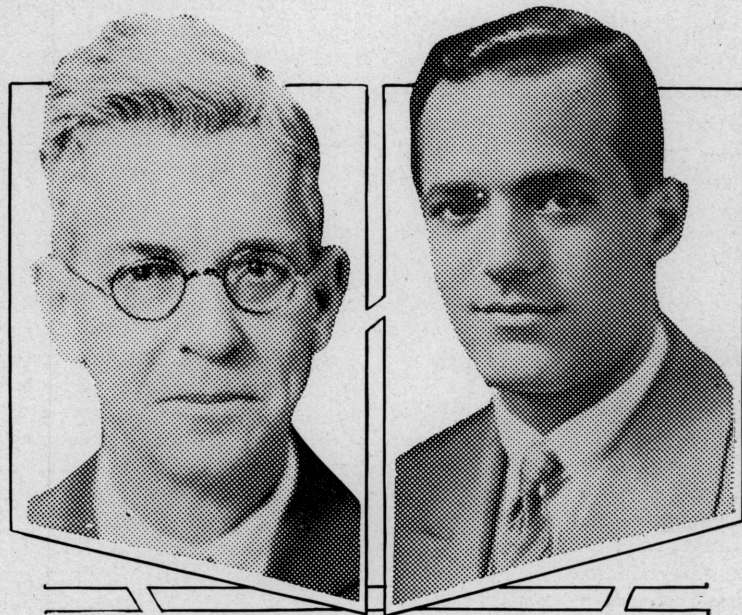
SECOND: That we request the Alumni throughout the State to withhold giving a list of the members of the Alumni to politicians, merchandising vendors, or stock-selling organizations.

THIRD: That we request that these resolutions be printed in "The Auburn Alumnus".—P. M. Smith, Secretary, Jefferson County, Auburn Alumni Association.

AUBURN PISTOL TEAM

Auburn's 1930 pistol team won third place in the annual National Pistol Match in which all schools having Field Artillery Units of R. O. T. C. competed. Bronze medals were awarded E. H. Miller, G. S. Sanford, C. E. Howard, F. N. Williams, and W. H. Cumbee, members of the Auburn pistol team.

Auburn Professors Write New Book



"Mathematics of Finance," is the title of the new book of which Prof. Bolling Hall Crenshaw, left, and Zareh M. Pirenian, right, of the Auburn faculty are co-authors. They were assisted by Dr. Thos. M. Simpson of the University of Florida. It is the fourth book of which Professor Crenshaw is the co-author.

"MATHEMATICS OF FINANCE," the fourth book of which Prof. Bolling H. Crenshaw, head of the mathematics department, is co-author, has come from the press. Designed as a text for a three-hour, one-year course in business mathematics for students in commerce and business administration, the book was written by Professor Crenshaw, Zareh M. Pirenian, assistant professor of mathematics of Auburn, and Dr. Thos. M. Simpson, head of the mathematics department of the University of Florida.

The new book was published by Prentice-Hall, Inc., New York, comprises 383 pages, and is expected to fill a long-felt need in American schools of commerce and business administration.

The first part of the book provides training and drill in the essentials of algebra to enable the student, it is said, to pass naturally and easily to the practical algebraic methods employed in the mathematics of finance. The second part provides an introductory course in the theory of interest and annuities certain and the mathematics of life insurance, together with a large number of practical problems.

Other books of which Professor Crenshaw is the co-author are "Plane Trigonometry," by Crenshaw and Derr; "Analytical Geometry and Calculus," by Crenshaw and Kil'ebrew;

and "College Algebra" by Crenshaw and Harkins.

Professor Crenshaw graduated from Auburn in 1888 and has been head of the mathematics department here since 1905.

AUBURN GRADUATE GIVEN PROMOTION BY TELEPHONE CO.

News has reached Auburn that Thornton G. Dowe, a Montgomery boy who was a student in electrical engineering at the Alabama Polytechnic Institute in the class of 1924, has been promoted by the Southern Bell Telephone Company to Division Exchange Engineer for the State of Louisiana. He is stationed at Baton Rouge.

Since leaving Auburn, Dowe has risen from one position to another and is now at the peak of his achievements to date, although his record and his ability are such as to indicate further promotion for him.

Another Auburn alumnus who is climbing with the Telephone Company is A. L. Cameron, a recent graduate. For some time he was stationed at the Atlanta office but is now doing Exchange Engineering work at Baton Rouge.

Don't forget the schedule of football games to be broadcast over WAPI. See outside back cover.

FORMER AUBURN STAR DIES IN BIRMINGHAM

Porter Callahan, 23, star of the Auburn football team for three years, died Tuesday morning, September 2, at the Gorgas Hotel where he had been for a week to regain his health.

He suffered with an ulcerated stomach, which caused his death.

The body of the former gridiron star was taken to Cullman, his home, for burial by Oscar Fisher, funeral director.

Had Just Graduated

Death ended the career of the popular Auburn hero within a few weeks after he had graduated from the institution.

He attended summer school which ended in August, in order to receive his diploma before the opening of the fall term.

Callahan went to Alabama Polytechnic Institute five years ago from Cullman, where he played with the high school football team there.

He was a member of the Auburn freshman squad as halfback, and made the varsity in his sophomore, junior, and senior years.

Funeral Services for Mrs. C. L. Hare Were Held Friday, Sept. 12

Funeral services for Mrs. C. L. Hare, who died Tuesday night, Sept. 9, were held here Friday, Sept. 12, at the Presbyterian Church with the Rev. S. B. Hay officiating. Interment in the Auburn cemetery followed.

Mrs. Hare was born in Buckingham County, Virginia, April 18, 1878, and had resided in Auburn 27 years. She was the wife of Prof. C. L. Hare, acting dean of the school of chemistry and pharmacy. She and Mr. Hare were married in 1903.

Mrs. Hare was past president of the Light Horse Harry Lee Chapter, Daughters of the American Revolution, and a member of the Admiral Semmes Chapter, United Daughters of the Confederacy. She was also a prominent member of the Woman's Departmental Club of Auburn.

Surviving are the husband and five children, Mrs. Emily Hare Hardie, of Brooklyn, N. Y.; Mrs. Catherine Hare Clarke, of Brookline, Mass.; Dabney B. Hare, Susan Mizelle Hare, and Joe Hare of Auburn. Also the following brothers and sisters: Dr. A. L. Bondurant of Birmingham, S. R. Bondurant of Buckingham County, Va., and Mrs. W. G. Harrison of Birmingham.

Sigma Pi, Sigma Phi Beta Lead Greek Fraternities In Scholarship In 1929-30

Sigma Phi Beta Sorority Leads School with Average of 81.94; Square and Compass Leads Fraternities with 80.04 Average; Sigma Pi Fraternity Leads Men's Greek Societies and Interfraternity Council Members; Seniors Lead Classes with 81.11; All-College Average Is 75.74; Juniors Average 77.67; Sophomores 72.31; Freshmen 72.96.

FIGURES compiled by members of the Faculty Committee on Fraternities, of which Prof. J. M. Robinson is chairman, announced that the average grade made by Auburn students last year was 75.74. The ratings also revealed that the Sigma Pi fraternity placed first among Greek-letter fraternities and Interfraternity Council members.

The Sigma Phi Beta Sorority members maintained the highest grades on the campus, the average being 81.94. The Square and Compass fraternity led among the fraternities and placed second to the leading sorority among fraternal groups.

Following is the composite ratings as announced by the Faculty Committee:

Group Name	Number	1st Sem.	2nd Sem.	Year
Sigma Phi Beta*	12	81.53	82.24	81.94
NON-SORORITY	165	82.46	79.87	81.16
SENIOR CLASS	587	80.77	81.21	81.11
Alumni Hall	196	79.94	80.49	80.22
ALL WOMEN	277	80.76	79.30	80.04
Square and Compass	31	80.31	79.79	80.04
SORORITY PLEDGES	36	80.31	76.31	79.42
Chi Omega*	16	79.01	77.66	79.32
SORORITIES AND PLEDGES	112	80.09	78.42	79.28
Sigma Pi	43	78.39	79.79	79.27
ALL-SORORITY	76	79.88	78.77	79.22
Beta Kappa	44	80.02	78.64	79.16
Kappa Delta*	33	80.18	77.95	78.90
Pi Kappa Sigma*	16	78.47	78.94	78.79
Alpha Lambda Tau	39	77.00	78.62	77.91
Pi Kappa Phi	59	76.92	78.29	77.73
JUNIOR CLASS	665	77.35	78.00	77.67
Alpha Gamma Rho	54	77.78	77.40	77.58
Delta Sigma Phi	47	77.65	77.25	77.44
Pi Kappa Alpha	53	76.12	78.35	77.30
Theta Chi	52	77.34	78.14	77.22
Alpha Psi	34	77.83	76.82	77.21
Alpha Tau Omega	55	76.12	77.11	76.70
FRATERNITIES AND SORORITIES	1213	76.14	76.43	76.31
Kappa Alpha	45	78.44	74.77	76.16
ALL-FRATERNITY	1137	75.97	76.27	76.14
NON-FRATERNITY AND NON-SORORITY	1561	75.54	76.67	76.01
Phi Kappa Delta	45	78.36	74.02	75.85
Chi Epsilon Chi	29	78.32	73.93	75.75
ALL COLLEGE	3174	75.33	76.17	75.74
NON-FRATERNITY	1396	74.91	76.26	75.54
Sigma Nu	66	75.62	75.38	75.48
FRATERNITIES, SORORITIES, AND PLEDGES	1613	75.13	75.72	75.42
Sigma Alpha Epsilon	57	75.72	75.05	75.33
ALL MEN	2897	74.80	75.87	75.32
Theta Kappa Nu	40	75.70	74.85	75.23
FRATERNITIES AND PLEDGES	1501	74.69	75.52	75.10
Phi Delta Theta	50	73.92	75.70	75.09
Tau Omega Chi	47	74.91	75.27	75.08
Phi Kappa Tau	47	71.45	76.77	74.62
Phi Delta Chi	24	71.97	75.74	74.17
Lambda Chi Alpha	58	72.66	74.21	73.27
Sigma Phi Epsilon	33	73.15	73.05	73.09
FRESHMAN CLASS	960	72.33	73.65	72.96
Kappa Sigma	36	72.42	73.22	72.84
ALL FRESHMAN PLEDGES	299	73.32	71.13	72.76
ALL PLEDGES	400	73.31	70.95	72.69
ALL UPPERCLASSMEN PLEDGES	101	73.31	70.46	72.52
Sigma Phi Sigma	49	71.28	73.52	72.42
SOPHOMORE CLASS	842	71.89	72.78	72.32
FRATERNITY PLEDGES	364	72.58	70.51	72.03

*Sorority.

CHI OMEGAS OFFER \$50 TO BEST ALL-ROUND CO-ED

The Alpha Beta Chapter of Chi Omega sorority has provided \$50 to be given to the woman student at Auburn who is selected as the best all-round girl by a committee of the faculty. This is announced by Miss Inez Shepard of Auburn, senior student and president of the sorority.

1091 ENROLLED FOR R. O. T. C. TRAINING

One thousand ninety-one students answered to the roll call at the first formation of the R. O. T. C. unit with the opening of the present session. According to Lieutenant O. Bowman, adjutant, since more registrations are anticipated, the number is expected to grow and top last year's mark.

Auburn Alumnus Rises In Chosen Profession

Among the alumni who are climbing steadily to the top of their professions is R. M. Boykin who recently became affiliated with the Electrical Bond & Share Company of New York. To accept an offer from this company he resigned from a lucrative position with the Puget Sound Power & Light Company with headquarters at Seattle.

Mr. Boykin graduated in electrical engineering at Auburn in the class of 1897. After working at different jobs he landed on the Pacific Coast in 1911 where he became owner and operator of the electrical property at Hillsboro, Ore. Through a series of mergers his properties became a part of the Puget Sound Power & Light Company of which he was named manager of the southern district with headquarters at Portland. In 1924 he was transferred to Seattle.

In his new position it is understood that he will be closely associated with Frank Silliman, Jr., vice-president, whose activities are centered largely on various properties in Montana, Washington, and Oregon.

KNAPP AND DUNCAN ON ALABAMA DROUGHT BOARD

Dr. Bradford Knapp and Professor L. N. Duncan, together with fourteen other prominent Alabamians were appointed Tuesday, September 9, to the State Drought Committee.

This committee, composed of leading agriculturists and business men of Alabama, appointed by Arthur M. Hyde, Secretary of Agriculture, is as follows:

R. E. Steiner, Edward A. O'Neal, Charles Scott, Harry Snow, Montgomery; Dr. George H. Denny, Tuscaloosa; Dr. Bradford Knapp, Auburn; Prof. L. N. Duncan, Auburn; W. L. Bruce, Catherine; J. O. Thompson, Roba; G. Thomas Gaines, Crossville; E. C. Cates, Lockhart; Stewart Washburn, Bolling; C. W. Sarver, Athens; Clyde Hendrics, Decatur; and C. H. McFarland, Birmingham.

Seth P. Storrs, commissioner of Agriculture, was named chairman of this committee.

SPEARS RECEIVES B'HAM NEWS 1930 SCHOLARSHIP

The annual award of the Birmingham News Scholarship to Auburn has been given to Otis Spears, of Pisgah, Alabama, who was named to receive the scholarship recently. Spears, who is twenty-one years of age, is a graduate of DeKalb County High School, finishing last May. He has enrolled in the secondary education course.

Large Freshman Squad Reports to New Frosh Coach

Eighty-three freshmen have reported to Coaches Jack Cannon and Weems Baskin to try for berths on the 1930 frosh football team.

The 1930 frosh squad, which is probably the largest to report to an Auburn coach, promises to show well for itself, as it is made up chiefly of men who starred at high and prep schools. Many of the huskies to report tip the scales well over the two hundred mark. Coach Jack Cannon, who was All-American guard, Notre Dame, assisted by Weems Baskin, who was graduated and coached at Auburn for two years, will teach the freshmen the Notre Dame system of play.

The 1930 schedule promises to be a tough one as it calls for games with five of the strongest schools in the conference. The schedule is as follows:

October 4—B'ham-Southern, in Auburn. (Morning game).

October 11—Florida, in Auburn.

October 25—Georgia, in Columbus or Auburn.

November 1—Georgia Tech, in Atlanta.

November 8—Tulane, in New Orleans.

CITY OF AUBURN SUPPLIED WITH NATURAL GAS

Natural gas will be burning in Auburn about October 15 according to announcement of officials of the Alabama Natural Gas Corporation. The coming of natural gas to Auburn from the giant transmission line of the Southern Natural Gas is expected to be one of the most valuable contributions to Auburn that has taken place in some time.

TEAM SHOWS PROMISE

(Continued from page 11)

the Tigers on their backs at the goal line.

"Auburn relaxed as a fumble followed and Southern recovered on Auburn's 25-yard stripe. An off-side penalty put the ball on Auburn's three-yard line and Pilgreen failed to bend the front to end Southern's most golden opportunity. The stand also convinced us that gold does not grow on trees.

"Like gold, though, Auburn's football team will have to go through a process of patience before its true value is recognized.

"Auburn men have instilled a wonderful confidence in us. They have sold us on their solidarity wherein the best interests of Coach Wynne are concerned.

"Auburn alumni told Wynne before the game they were in there with him, win or lose. Auburn lost. The aftermath has been most pleasing. Auburn men meant what they said and there has been no bitterness, no second guessing. Their eyes are glued on the future.

"Auburn men, we feel sure, saw the Tigers as we saw them."

INSURANCE PLAN

(Continued from page 4)

M. Wolfe, Opelika; Homer P. Harris, Montgomery; C. W. Harrison, Birmingham; Wm. C. McGehee, Montgomery; M. H. Eskew, Fort Benning, Ga.; Benjamin F. Thomas, Auburn; William C. Frisday, Millerville; T. F. Hobart, Gadsden; Clarence A. Brogden, Ashland; Millard Wescott, Montgomery; Seth G. Persons, Montgomery; Robert and James Lambert, Darlington; William Cammack, Camden; Glenn Liddell, Camden; Hunter McDuffie, Franklin; Newton Y. Horn, Columbiana; Jacob A. Walker, Opelika; Carl McFarlin, Birmingham; James E. Lambert, Darlington; Vassar T. Byrd, Gadsden; Ike D. Dillard, Huntsville; Jephtha W. Dennis, Montgomery; George M. Wheeler, Montgomery; Millard H. Pearson, Montgomery; John H. Paterson, Jr., Montgomery; Harold A. Bowron, Birmingham; Charles E. Doughtie, Jr., Atlanta, Ga.; James M. Oliver, Atlanta, Ga.; Ben S. Gilmer, Atlanta, Ga.; Hugh O. Burgess, Atlanta, Ga.; Arthur J. Butt, Jr., Pensacola, Fla.; William B. McGehee, Montgomery; William W. Paterson, Montgomery; William James Samford, Opelika; William H. Langhorne, Uniontown; George R. Tate, Uniontown; Harry A. Powe, Jr., Faunsdale; Joseph P. Givhan, Blalock; Charles A. Webb, Jr., Marion; Francis A. Rew, Carrollton; Leon L. Nelson, Gadsden; I. T. Quinn, Montgomery; Mary Alice McGehee, Montgomery; J. Haygood Paterson, Sr., Montgomery; Frank Gay, Montgomery; Bruce F. Holding, Montgomery; Edwin S. Bennett, Montgomery; Herbert A. Jones, Jr., Montgomery; R. C. Christopher, Crossville; J. M. Henderson, Crossville; J. W. Pate, Fort Payne; W. M. Leader, Lexington; M. B. Smith, Lineville; E. L. Fincher, Bowdon, Ga.; B. F. Ford, Lineville; J. C. Kellett, Fort Payne; T. L. Crowder, Crossville; W. G. O'Brian, Geraldine; L. F. Ingram, Collinsville; Homer E. Coop-

er, Gadsden; J. L. Smith, Fort Payne; F. T. Little, Alexandria; E. P. Garrett, Lineville; John B. Isbell, Fort Payne.

Dividends Applied on Scholarship Fund

The plan itself is unique. Every \$1,000 of insurance provides a total of from \$110 to \$125 of dividends which may be assigned to the Alumni Association for scholarships and loans to students. For the first five years the coupons assign from \$14 to \$15 per thousand per year to the Alumni Association. After the end of five years the sight drafts are smaller, representing from \$3 to \$4 per thousand per year. The dividends payable under the policy may be additionally assigned to Auburn but this is not required or provided for in the plan itself.

The plan has been approved not only by the Insurance Commissioner of the State of Alabama but has been submitted to Frank M. Speakman, an actuary of Philadelphia, and John A. Copeland, Consulting Actuary of Atlanta, and has also been approved by the Mississippi Insurance Department and by S. E. Washburn, the actuary of the Tennessee Insurance Department. It is believed that this plan will prove to be the best possible method of raising funds yet devised for this institution.

Incidentally, it ought to be said that one alumnus of this institution, who happened to be so crippled that it is impossible for him to obtain insurance, felt the appeal of this loyal support of the institution and gave his check so that he might pay over to the Alumni Association the amount of the dividend that would have come had he been able to have obtained this insurance. Auburn alumni are urged to support this plan in every way.

WILLIAM H. BRUCE '83

(Continued from page 8)

Bruce was for any time connected soon discovered his ability at revision and organization of courses and as a result his work is seen soon to emerge in new catalogues and more highly organized curricula. Especially productive was his work at Denton at the North Texas State Teachers College, and its complete reorganization brought the college to a point where within ninety days following a petition for change of name to "Teachers' College," instead of normal, the school was admitted as a charter member of the American Association of Teacher's Colleges.

The incidents noted in his personal life, and the tone of the many letters

and recommendations concerning or written by Dr. Bruce, all point plainly to the fact that he is a much respected and beloved individual in a large circle of friends and acquaintances. His long life as educator and thinker is not evaluated too highly by his very excellent biography.

COMRADESHIP OF EIGHTIES (Continued from page 7)

And together they pored over that yellowed sheet while weather, law, automobiles, radio, airplanes and the entire civilization of 1930 rumbled on its noisy way unnoticed.

Then they fell to talking about that grand old class of '81. Mitchell is a true son of old Auburn, and he could supply the details Callaway had missed during intervening years.

Seventeen men were given their diplomas that June and stepped out over life's threshold.

Mitch and Joe are two of the four still living. The others are J. D. Trammel, a consulting engineer of Fort Worth, Texas, and the other Col. Clarence Ousley, an agricultural expert who lives in Dallas, Texas.

ALREADY Mitch and Joe have written the other two of their reunion. Next June, if fates are kind, the four of them will gather on the campus at Auburn to sing the old Auburn songs, quaff the cup of renewed friendship and brush away the haze left by crowded years "since then."

Joe and Mitch will see a great deal of each other in the meantime. Joe's son will be stationed in Jacksonville, and he and Mrs. Callaway haven't much reason now for continuing to live at Biloxi, Miss., their home for the past several years.

"I guess," Joe told Mitch yesterday, "I'll spend my time between Elliot and my other son, who's an engineer in New York. We'll just make up for these 49 years we've been separated."

WORK BEING RUSHED ON NEW TEXTILE BUILDING

The new textile building is being rushed to completion, and according to present plans will be ready for occupancy during October. Equipment has been ordered, and began to arrive September 15. It will be installed as soon as the building is ready. Installation of equipment will be done by students in the School of Textile Engineering with the supervision, and assistance of Prof. E. W. Camp, and representatives from the factories manufacturing equipment.

PREXY'S PAGE (Continued from page 9)

women organized into Home Demonstration Clubs and the direct reaching, with regular educational service, of at least 30,000 farms of the state with more than 135,000 regular demonstrations.

To these must be added the short course work in the Meter School, Farmers' Short Course, Extension Teaching in extension classes, and correspondence courses, amounting to approximately 1,200 individuals, Veterinary Short Courses, and others.

Athletics

THE NEW coaching staff with Chet Wynne in charge, assisted by "Bull" McFaden, who continues his good work; Roger Kiley, one of the most expert coaches in this country and who came here through his friendship for Coach Wynne; Jack Cannon, the celebrated All-American guard, as freshman coach; dependable Wilbur Hutsell, track coach and trainer, and Weems Baskin as assistant, entered the new year on September 1 with a fine squad with splendid united spirit and with a lot of hard work. Before this reaches the alumni the results of the early games will be a matter of common knowledge. We lost the first game to Birmingham-Southern but I think the team shows the result of its training. Birmingham-Southern had an unusually fine team and our inexperienced team with its very short training period showed good promise for the future.

The most remarkable thing in the first game was the splendid kicking of Hitchcock and the fact that the whole team showed a fighting spirit, tremendous energy, and the best tackling the Auburn team has shown in the last three years. I am very proud of the fact that we came out of that game still united, still confident and with alumni, student body, faculty, and friends believing in the coaching staff. We have always known that it was going to take time to accomplish the results we all desire. I need not urge here that the "Auburn Spirit" be patient and confident. We shall yet win!

Problems

I WANT NONE of us to forget that there are many difficult problems to work out. This institution is a big organization. Not all parts of it are yet functioning as I might wish. I know full well where the faults are to be found. The difficulty of a task consists not so much

in knowing where the weaknesses and mistakes are as the difficulty of correcting these gradually and earnestly and still maintaining the onward and upward progress of the whole organization.

Needs

WHEN I think of the things Auburn needs here at the institution I hesitate to say which is the greater. There is a pressing need that we should get the money to complete at least two additional buildings already planned, namely, the Auditorium and the Administration Building. But there are two other needs of very serious and great importance. One of these is a library and books. A new library building, with plenty of emphasis on books, is one of the greatest necessities this institution has at the present time. We shall be handicapped in developing scientific divisions of this institution unless both students and our staff of workers can have adequate library facilities for their work. Scientific journals and reference books in chemistry, physics, biology, engineering branches, architecture, economics, and all sciences grouped under the heading of agriculture, seem to me to be one of the greatest pressing needs of the institution. In the next ten years we ought to spend \$150,000 for books. We can scarcely do that unless we have an adequate building in which to house them and furnish desk room and accommodations for those who wish to consult such a library.

The other pressing need is student accommodations here in Auburn. In spite of the building of dwelling houses we are fast reaching the point where additional students will find it impossible to find a living place in order to attend Auburn. Dormitories and new fraternity houses constitute one of our major needs. If we could secure from the next legislature permission to borrow money and create a sinking fund out of the income from the room rent and other rental of these buildings, it would relieve this pressure without affecting the State's finances. If the State has any money beyond the maintenance of this institution that money ought to go for other needs and it can be so used provided the State Legislature will be willing to grant Auburn the right to borrow money on a long-time basis for the building of dormitories, the room rent and other rental of which will go toward the retiring of the debt. This is not a new nor untried plan. I shall probably have more to say about it later.

INSTRUCTION
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"AUBURN"

"The Corner Stone"

What will you do with your life? In what profession or calling are you interested? For what line of work do you wish to prepare yourself?

Look over the following list of professions, lines of work or callings for which one may obtain a college education at the Alabama Polytechnic Institute. The list is by no means complete but in case you are interested write for application blanks and further information.

IN ENGINEERING: Civil Engineer, Highway Engineer, Railway Engineer, Radio Engineer, Hydro-Electric Engineer, Mechanical Engineer, Automotive Engineer, Agricultural Engineer, Architectural Engineer, Industrial Management, Textile Engineer, Aeronautical Engineer.

IN AGRICULTURE: Farming as a General Farmer, Livestock Farmer, Dairy Farmer, Poultry Farmer, Fruit and Truck Farmer, Cotton Farmer, Dairy Manufacturer, Manager of Creamery, Botanist, Agricultural Economist, Entomologist, Zoologist, Bacteriologist, Plant Pathologist, Plant Breeder, Landscape Architect, County Agricultural Agent, Specialist in some Agricultural line, Farm Manager, Manager of Cooperative Buying or Selling for a Farmers' Organization, Scientist in any of the lines above mentioned, Experiment Station or Research Scientist, Teacher of Agriculture.

IN GENERAL EDUCATION: General Courses leading to the Bachelor of Science Degree, Business Administrator, Accountant, Commercial Pursuits, General Business, Physicist, Chemist, or courses specializing in English, History, Foreign Languages, Economics, Sociology, Mathematics, Pre-Law and Pre-medical courses.

IN CHEMISTRY AND PHARMACY: Chemist, Industrial Chemist, Pharmaceutical Chemist, Pharmacist.

IN ARCHITECTURE AND ART: Architect, Building Contractor, Manufacturer and Dealer in Building Materials, Commercial Artist, Designer of Furniture, Costumes, Textiles and Wall Paper, Interior Decorator, Landscape Architect.

IN HOME ECONOMICS: Home-making, Teacher of Home Economics, Home Demonstration Agent, Clothing and Nutrition Specialists, Cafeteria Manager, Research Worker, etc.

IN BACTERIOLOGY AND VETERINARY MEDICINE: Veterinarian, Bacteriologist, Milk and Meat Inspection Service, Animal Disease Control Work, Government Service in Animal, Meat and Milk Inspection.

IN EDUCATION OR TEACHER TRAINING: Teacher in Grades, High School or Rural Schools, Agricultural Teacher and especially under the Smith-Hughes Act, Rural Education or Rural School Teacher or Administrator, School Administrator, Athletic Coach, Special Teacher of any of the courses taught at Alabama Polytechnic Institute.

INDUSTRIAL ARTS: Teacher of occupational studies in Junior and Senior High Schools, professional preparation for teachers of the Industrial Arts in High Schools.

IN MILITARY SCIENCE: Training for the Reserve Officers Corps entitling one to a commission in such Corps in Field Artillery or Engineering.

WRITE FOR CATALOGUE

BRADFORD KNAPP, B.S., D.Agr., President
AUBURN, ALABAMA

ENGINEERING
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SCIENCE

EDUCATION
ART

Tune In for a Touchdown

Station WAPI on the air again this season, with play-by-play from the sidelines, means good news if you can't be on the field. Every game on the Alabama and Auburn football schedule will be broadcast by Birmingham stations this Fall.

WAPI transmits eight University and seven Auburn games and, with WBRC and WKBC cooperating, the other games on the schedules of the two teams will be put on the air.

HERE IS THE COMPLETE SCHEDULE

Sept. 26—Auburn vs. Birmingham Southern; WAPI, WBRC

Sept. 27—Alabama vs. Howard; WAPI

Oct. 4—Auburn vs. Spring Hill; WAPI
Alabama vs. Ole Miss.; WBRC

Oct. 11—Auburn vs. Florida; WAPI
Alabama vs. Sewanee; WAPI

Oct. 18—Alabama vs. Tennessee; WAPI
Auburn vs. Georgia Tech.; WSB and WKBC

Oct. 25—Alabama vs. Vanderbilt; WAPI
Auburn vs. Georgia; WAPI

Nov. 1—Alabama vs. Kentucky; WAPI and NBC
Auburn vs. Wofford; WKBC

Nov. 8—Alabama vs. Florida; WAPI
Auburn vs. Tulane; WAPI

Nov. 15—Auburn vs. Mississippi A. & M.; WBRC
Alabama vs. L. S. U.; WAPI

Nov. 22—Auburn vs. Vanderbilt; WAPI

Nov. 27—Alabama vs. Georgia; WAPI
Auburn vs. South Carolina; WAPI

WAPI

The Voice of Alabama

263 Meters—Birmingham—1,140 Kilocycles

Studios at Auburn, Montgomery, and Montevallo

On the air Monday, Tuesday, Wednesday, 9 to 12 p. m.; Thursday, Friday, Saturday, 6 to 9 p. m. In addition, daytime programs and Sunday religious services.

Week-day broadcasts from Auburn, 12:00 to 12:30 noon, and each Thursday afternoon, 5:00 to 5:30 p. m.

Week-day market news from Montgomery, 9:30 a. m., 12:30 p. m., and 2:30 p. m.

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